

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

WO 96/25434 (51) International Patent Classification 6: (11) International Publication Number: C07K 14/82, G01N 33/574, 33/68, A61K 38/17, 38/04 A1 (43) International Publication Date: 22 August 1996 (22.08.96) (74) Agents: FISHER, William, J. et al.; Banner & Allegretti, Ltd., PCT/US96/01535 (21) International Application Number: 11th floor, 1001 G Street, N.W., Washington, DC 20001 (US). (22) International Filing Date: 16 February 1996 (16.02.96) (81) Designated States: AU, CA, JP, KR, US, European patent (AT, (30) Priority Data: BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, 16 February 1995 (16.02.95) US 08/392,542 PT. SE). (60) Parent Application or Grant **Published** (63) Related by Continuation With international search report. Not furnished (CIP) US Not furnished Filed on (71) Applicants (for all designated States except US): THE WIS-TAR INSTITUTE [US/US]; 36th Street at Spruce, Philadel-

- phia, PA 19104 (US). BAYER CORPORATION [US/US]; 400 Morgan Lane, Westhaven, CT 06516 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): HALAZONETIS, Thanos [GR/US]; Apartment 1516, 2101 Chestnut Street, Philadelphia, PA 19103 (US). HARTWIG, Wolfgang [DE/US]; 62 Rocky Rapids Road, Stamford, CT 06903 (US).
- (54) Title: PEPTIDES AND PEPTIDOMIMETICS WITH STRUCTURAL SIMILARITY TO HUMAN p53 THAT ACTIVATE p53
- (57) Abstract

FUNCTION

The present invention provides peptides and peptidomimetics corresponding to part or to the entirety of the region encompassed by residues 360-386 of human p53, said peptides and peptidomimetics characterized by the ability to activate DNA binding of wild-type p53 and to select tumor-derived p53 mutants. Pharmaceutical compositions of the compounds of the invention and methods of using these compositions therapeutically are also provided.

55 i. į 11